

SECRET/NOFORN

PROJECT SUN STREAK

WARNING NOTICE: INTELLIGENCE SOURCES AND METHODS INVOLVED

PROJECT NUMBER: 8907

SESSION NUMBER: 6

DATE OF SESSION: 890315

DATE OF REPORT: 890320

START: 1200

END: 1230

METHODOLOGY: CRV

VIEWER IDENTIFIER: 003

1. (S/NF/SK) MISSION: Access and describe the target building and any activities inside. Determine if there is any developmental activity of specific interest. If so, describe the activity, its nature and purpose.
2. (S/NF/SK) VIEWER TASKING: The viewer was given the cue "access and describe the developmental activity of interest." He started in stage 4. Then he was given maps of the USSR and told to identify "where the developmental activity was taking place."
3. (S/NF/SK) COMMENTS: Using the map of the USSR (attached) 003 located the developmental activity as taking place in the north (see highlighted spot). He said he felt better about yesterday's initial results than today's, so he was given an enlarged map of the Kiev area. He located the activity as taking place on the coast of the Kremenchugskoye Reservoir at a point closest to Obolon, USSR. Additional information concerning the material used in the developmental activity was also obtained.
4. EVALUATION:

Referral Review by NIMA/DoD

HANDLE VIA SKEET CHANNELS ONLY
SPECIAL ACCESS REQUIRED

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CLASSIFIED BY: DIA (DT)
DECLASSIFY ON: OADR

SECRET

Working paper

Proj. no: 8807
Date: 15 March 1988
Viewer: 003
Session: 006

Summary of Information

There is a material involved here that is black, gray, smooth, rigid-yet-flexible, light weight, of high quality, AOL/S of "kevlar." At the molecular level it is composed of several large atoms, surrounded by perhaps three sets of symmetrically arranged smaller atoms, approximately nine in number. The large atoms with their attendant symmetrical groupings of smaller atoms are bound together in an asymmetrical, variously arrangeable pattern. The material that this new material replaces was very much like thin aluminum--it was light and strong, but less than satisfactory because it bent or creased easily, and had insufficient rigidity. Smaller pieces had to be fastened together to make a complete form. The newer material has fewer seams, can be extruded in larger forms, or even in unitary components.

Handle Via SKEET Channels Only

SECRET

Kevlar is a composite laminate composite carbon based material

SG1J

1st March 80
Ft. Meade, MD

SG1J

1200

54

D

2
A/S

material

blues
grey

flexible

mouth

resid

light

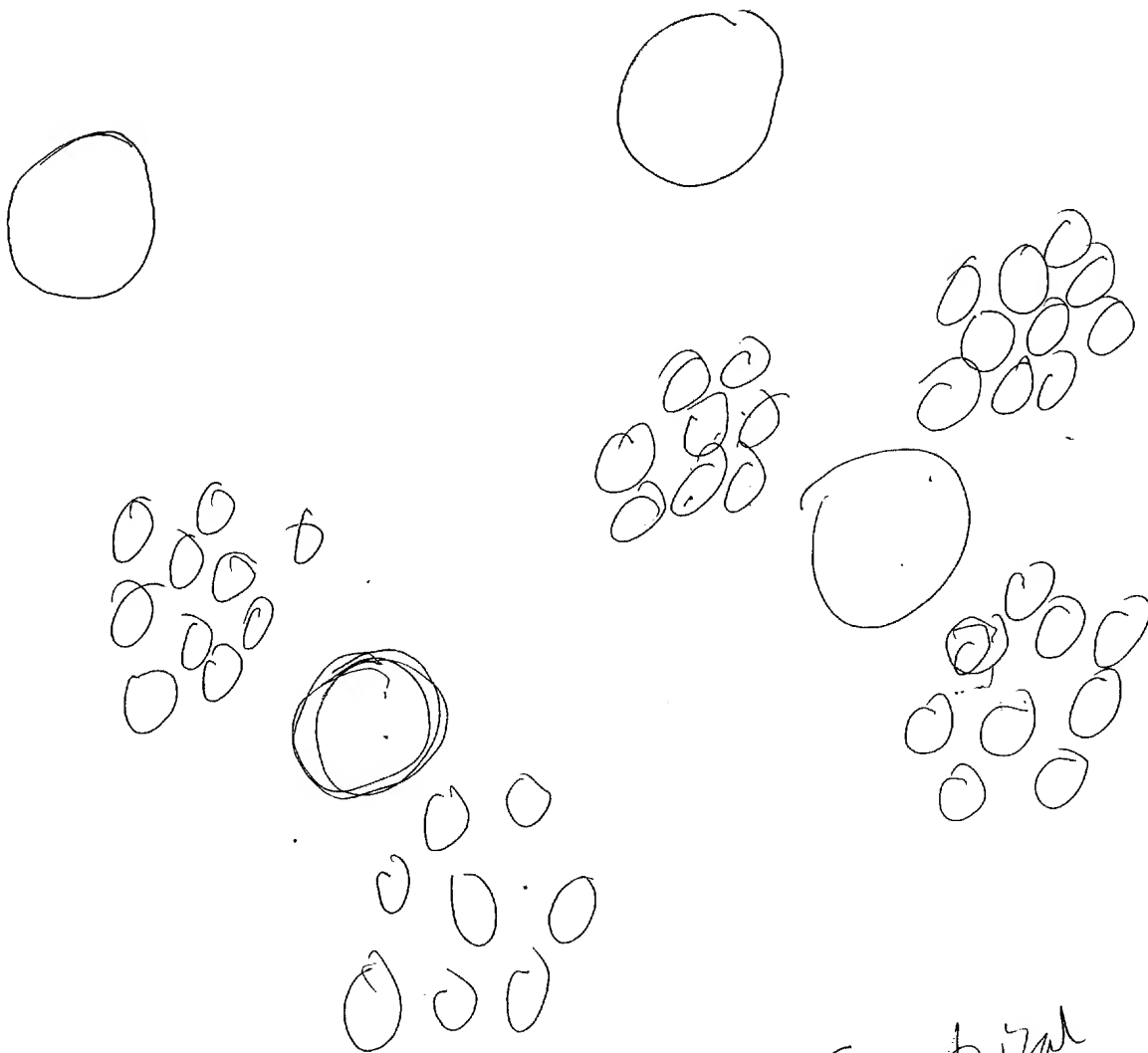
A/S
"Libra"
Kovlar

quality

A/Bk
series 7
sub 12/10/1973

polymer

fluores



Symmetrical
Small clumps of stars
congregate around
each of big one, and
all are bound together

Big ones combine in
Asymmetrical pattern

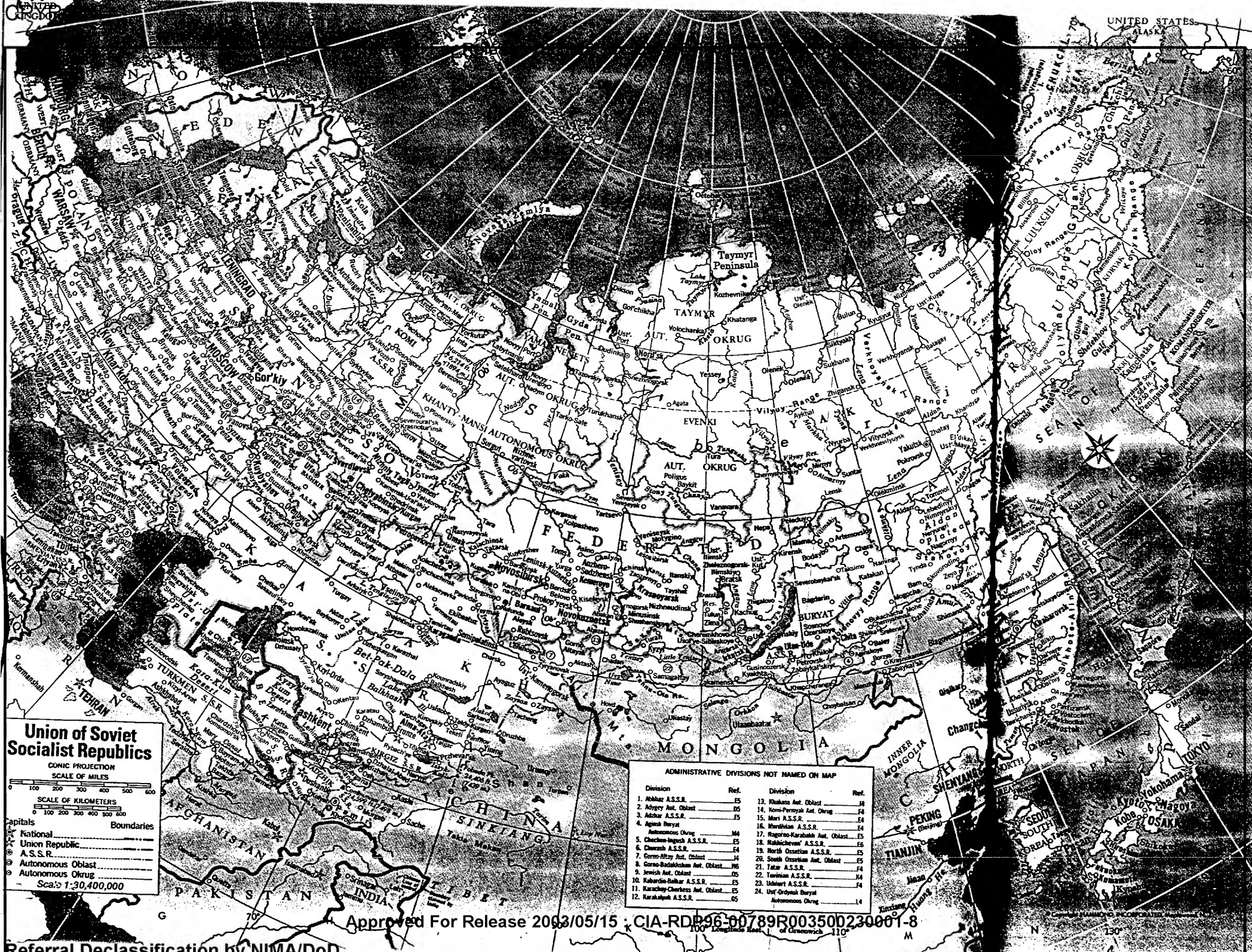
AR #5

precursor
material

thin
light

deformable

As "like" a light metal sheet is flexible, but
tends to retain shapes forced upon it ('creases')
Flexed over a framework. Produced flat
or shape, then flexed --- Some pieces
come already curved to form 1/2 sections.
Smaller than new material is used in.
Therefore more seams & weaknesses in
structural integrity. No pressure of
production of material involves extrusion
~~or~~ somewhat.



Union of Soviet Socialist Republics

CONIC PROJECTION
SCALE OF MILES
0 100 200 300 400 500 600

SCALE OF KILOMETERS
0 100 200 300 400 500 600

- Capitals
National
Union Republic
A.S.S.R.
Autonomous Oblast
Autonomous Okrug
Scale 1:30,400,000

ADMINISTRATIVE DIVISIONS NOT NAMED ON MAP

Division	Ref.	Division	Ref.
1. Abkhaz A.S.S.R.	15	13. Khakass Aut. Oblast	14
2. Adygey Aut. Oblast	15	14. Novosibirsk Aut. Okrug	14
3. Adzhar A.S.S.R.	15	15. Mari A.S.S.R.	14
4. Aginsk Buryat	14	16. Mordovian A.S.S.R.	14
Autonomous Okrug	14	17. Nagorno-Karabakh Aut. Oblast	14
5. Chukotka A.S.S.R.	15	18. Nakhichevan A.S.S.R.	16
6. Chechen A.S.S.R.	15	19. North Ossetian A.S.S.R.	15
7. Chuvash A.S.S.R.	15	20. South Ossetian Aut. Oblast	14
8. Dagestan A.S.S.R.	15	21. Tajik A.S.S.R.	14
9. Dniester A.S.S.R.	15	22. Turkmen A.S.S.R.	14
10. Kabardin-Balkar A.S.S.R.	15	23. Uzbek A.S.S.R.	14
11. Karachay-Cherkess Aut. Oblast	15	24. Ust-Ordyk Buryat	14
12. Karakalpak A.S.S.R.	15	Autonomous Okrug	14